



A Study of Risk Factors of FTT in Infant Under Two Years Old in Namin Health Centers , 2002 _ 2003

1- Assistant Professor : Dr . Manoochehr Barak

2- Thesis Advisor : Mr. Ali Nehmati

3- Wrighting Research : Leila Azari Namin

ABSTRACT

Background & Objective : FTT (Failure to Thrive) means the insufficient physical growth or inability in keeping the desired growth rate.

and nutritional problems. It is multifactored problem. Various organic and nonorganic factors cause it.

Methods: This study is a case- control study was done on 60 infant under two years old with FTT in Namin health centers in 2002 - 2003

The case group of FTT was under the thired percentile in the growth diagram or desend two major of diagrams in short time. Control group was infants under two years old with normal growth diagram. They were the same as case group in age, sex , number and geographical location and were chosen at random. The demographic features of parents, infant characteristics nutritional features and their disease were analysed in both groups in the form of questionnaire. Also their head circomference were measured. The finding of both groups were analysed by the computer software SPSS.

Results : The analysed factors showed there was a significant relationship between FTT and the number of the family members, economic condition of family , mothers job and her education . low birth weight , the history of low weight in other children , history of respiratory and gastro intestinal infectious, diagnostic medical disease and the kind of food. However , significant statistical relationship between the case and control groups regarding in the number of birth , in the number of main food , in the number of helping food .

Conclusions : In this study a series of organic and nonorganic factors are considered as the commonast FTT risk factors (mixed FTT).

It shows that FTT is a multifacted and multifactorial problem and a series of factors have an importat role in the appearance of this hygienic problem.

Key words : FTT , malnutrition, risk factor , infant under two years old